

Approved for entry

TTB

04/29/05

The Abstract beginning on Page 14 is modified as follows:

The present invention provides a supercharged open cycle gas turbine engine comprising a core engine for generating shaft power output, said core engine includes a multi-stage compressor, the first stage of which being a rotary ram compressor or a rotary ram-in compressor; a supercharger for increasing the pressure of intake air of the core engine, said supercharger includes a rotary ram-in compressor and a turbine driven by gases discharged from the core engine and having variable-area nozzle assembly; operator controlled means for elective bleeding of variable part of the exhaust gases discharged from the core engine and supplied to the supercharger turbine; at least one pressure sensor for detecting the degree of rise in the pressure of air supplied by the supercharger's compressor; and means for adjusting both the area of the nozzles of the supercharger's turbine and the rate of fuel supply to the core engine according to the detected degree of rise in the air-pressure of supplied air; and means for adjusting the rate of fuel supply to the core engine according to the pressure level of air supplied by the supercharger's compressor.